

Appendix D2 – Management Programs (Erosion and Sediment Control)

Erosion and Sediment Control Delegation Review



Maryland

Department of the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

JAN 24 2017

Mr. Thomas A. Pistel
Chief, Bureau of Construction Inspections
Harford County Department of Public Works
212 South Bond St., 1st Floor
Bel Air, MD 21014

Dear Mr. Pistel:

The Maryland Department of the Environment, Water Management Administration (MDE/WMA) has completed a review of Harford County's application for continued delegation of erosion and sediment control enforcement authority. As part of this evaluation, MDE conducted field inspections, and a review of erosion and sediment control enforcement procedures in accordance with the County's approved ordinance. I would like to thank you and your staff for their assistance during the review process.

On October 20 and November 10, 2016, MDE, along with County personnel and the Harford Soil Conservation District (SCD), inspected 13 active construction sites totaling 290 acres of earth disturbance. Results of this field audit, which is attached for your use, found some program deficiencies for the enforcement of erosion and sediment controls. Several important observations made during this review include:

- Enforcement is implemented inconsistently. On the majority of sites, biweekly inspections were either not conducted or not properly documented. Other sites exhibited repeated problems, but progressive enforcement was not utilized. Examples included Encore at Glenwood and Hamilton Reserve.
- The 2014 delegation review noted some deficiencies in enforcement of temporary and final stabilization requirements. The current review finds that the County's enforcement of stabilization is still not appropriately implemented. Additionally, the maintenance of sediment traps and basins is not being adequately enforced.
- MDE is concerned that the County does not have enough inspectors to fulfill multiple inspection responsibilities, which has compromised the County's ability to implement an effective erosion and sediment control program (program). MDE understands that the County has recently undergone some temporary staffing shortages. However, the County is responsible for the implementation of the program and ensuring continued compliance with State regulations.

These issues have been discussed with your staff. The County has since communicated to MDE that program improvements are currently being implemented as a result of the field audit.

The County's municipal separate storm sewer system (MS4) permit (11-DP-3310 MD0068268), requires the County to provide grading permit information to MDE and training to the local construction industry. For State fiscal year 2016, the County submitted quarterly grading permit reports documenting that 60 grading permits were issued for 1,099 acres of disturbance. MDE appreciates the County's erosion and sediment control training efforts over the years, successfully instructing hundreds of government personnel and on-site contractors. While MDE has updated an online erosion and sediment control course that may be used to fulfill MS4 permit training requirements, the County must still ensure that on-site operators have received training.

Based on the findings of the field audit, MDE determined that the County's program was not in compliance with the erosion and sediment control program requirements stipulated in Part IV.D.2. of its MS4 permit. Therefore, MDE is limiting Harford County's request for continued delegation of erosion and sediment control enforcement authority to one year. This delegation of authority is effective through June 30, 2018. The next delegation review will reevaluate the County's staff capacity, inspection documentation, and use of progressive enforcement. Because effective erosion and sediment control is fundamental in our effort to protect local streams and restore Chesapeake Bay, I would like to thank you and your staff for your continued efforts.

If you have any questions or comments regarding this evaluation, please contact me at 410-537-3567, or have a member of your staff contact Mr. Raymond Bahr, Sediment and Stormwater Program Review Division at 410-537-3545, or raymond.bahr@maryland.gov.

Sincerely,



D. Lee Currey
Acting Director
Water Management Administration

Enclosure

cc: Scott Kearby, Harford County Department of Public Works
Patrick Jones, Harford Soil Conservation District

**MARYLAND DEPARTMENT OF THE ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION
EROSION AND SEDIMENT CONTROL
PROGRAM EVALUATION**

Jurisdiction: Harford County

Review Dates 10/20/16 and 11/10/16

Ordinance

Reference Citation: Article I, Sediment Control, Chapter 214, Sediment Control and Stormwater Management

First Adopted by Jurisdiction: November 12, 1985

State Approval Issued: March 11, 1985

Most Recent Modification: January 17, 2013 Harford County Bill No. 12-57, Sediment Control Regulations: Updated to reflect the 2011 Maryland Standards and Specifications for Erosion and Sediment Control.

Current Status: Acceptable

Procedures

Description: Harford County's inspection and enforcement procedures are consistent with the Code of Maryland Regulations (COMAR) 26.17.01.

Total Inspections Performed: 3,373 (annual average based on FY15 and FY16 data)

Violation Notices Issued: 334

Stop Work Orders Issued: 31

Amount of Fines or Bonds Collected: \$0

Court Cases: 0

Comments: Harford County uses construction inspection checklists and can utilize progressive enforcement actions to ensure compliance. Procedurally, Harford County should be able to administer an effective erosion and sediment control program.

Workload

(annual average based on FY15 and FY16 data)

Permits Issued: Major: 86 (672 acres) Minor: 180 (72 acres)

Permits Active: Major: 146 (1,141 acres) Minor: 197 (79 acres)

Staff Size: Supervisory Staff: 1

Inspection Staff: 4

Administrative Support: 2

Current Status: Harford County's Department of Public Works staff conducts erosion and sediment control inspections and enforcement.

Comments: Staff capacity has limited the program's effectiveness at administering an erosion and sediment control program and implementing appropriate enforcement actions.

Field Enforcement

Total number of sites visited during this review: 13

<p>Site Comments</p>	<p>Site 1. Some inactive areas required stabilization. Site 2. Sediment basin #2 was not dewatering; sediment-laden water was observed at outfall; sediment basin #3 did not have gabion inflow protection; significant erosion problems were observed and super silt fence (SSF) was damaged; some inactive areas were unstabilized; biweekly inspections not being conducted and/or documented. Site 3. Biweekly inspections not being conducted and/or documented. Site 4. Earth dike lacked positive drainage; some areas were unstabilized; inlet practices were not installed per approved plan; used filter bag was placed outside of SSF; biweekly inspections not being conducted and/or documented. Site 5. Small areas needed additional stabilization; biweekly inspections not being conducted and/or documented. Site 6. Sediment tracking on the road offsite; stabilized construction entrance (SCE) required maintenance; water conveyance practices shown on the site plan were missing and there was no provision made to direct flow to the sediment trap in a safe and non-erosive manner; biweekly inspections not being conducted and/or documented. Site 7. Minor silt fence (SF) repairs needed; non-filtered water from sediment basin was being pumped directly to the outfall. Site 8. Sediment trap needed maintenance; biweekly inspections not being conducted and or documented. Site 9. A retaining wall was built in the middle of the sediment basin; drainage to basin was unstabilized; erosion was occurring on earth dike at basin inflow; sediment was built up at temporary gabion outlet structure; an earth dike not on the plan was channeling concentrated flow to SSF. Site 10. An unstabilized stockpile was located at the top of a steep slope above torn SF; some areas and stockpiles were unstabilized. Site 11. Sediment was eroding into the clear water diversion pipe; sediment was built up in several SSF locations; the SCE was not installed. Site 12. A small area needed additional stabilization. Site 13. SCE was not preventing sediment tracking on the road; excessive vegetation was growing in the sediment trap; minor sediment build-up at temporary stone outlet structure.</p>
	<p>MDE Reviewers: Christina Lyerly and Dela Dewa</p>

Harford County Delegation Review 10/20/16 and 11/10/16

10/20/16

Reviewers: Christina Lyerly, Dela Dewa

General Notes

- Changes in staffing were recently made (e.g., reassignment of responsibilities, staff departures, staff on leave).

Joppatown BGE Substation

Staff: David Butler, Bob Sullivan

Plan Approval Date: 9/14/16

Disturbed Area: 2.5 acres

Type of project: Utilities

Stage: Grading

Pictures of Joppatown BGE Substation:



Area near perimeter requiring stabilization



Area near perimeter requiring stabilization

Rogers Ford Phase I and II

Staff: David Butler, Bob Sullivan

Plan Approval Date: 9/12/16

Disturbed Area: Phase I: 13.8 acres, Phase II: 11.7 acres

Type of project: Residential

Stage: Grading, building construction, utility installation

- According to the County, the filter fabric on sediment basin #2 draw down device has clogged repeatedly and noted in past inspections. The filter fabric was clogged on the day of MDE's review.
- Progressive enforcement was not demonstrated on past inspection reports.
- The inspection report completed for the day of MDE's visit noted items to be corrected. On November 17, 2016, the County provided photographs of corrected controls for Rogers Ford Phase II. On November 30, 2017, the County provided photographs of sediment basin #2 (Rogers Ford Phase I) that reflected the lowered wet elevation level.

Pictures of Rogers Ford Phase I and II:



Wet elevation and riser weir level at basin #2; baffle boards and drawdown device submerged



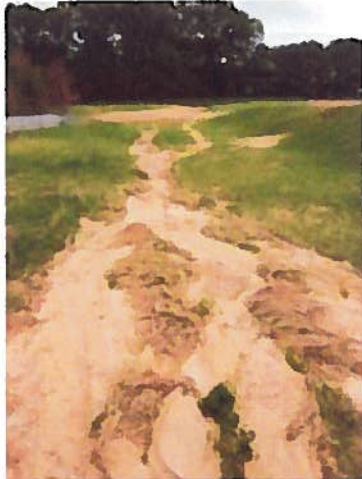
Sediment-laden discharge from basin #2



Erosion and undercutting along super silt fence (SSF)



Erosion down slope to SSF



Gullies down slope



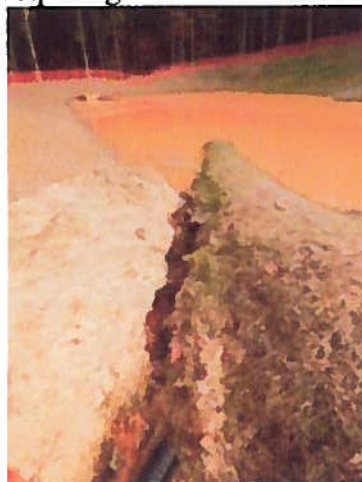
Erosion and sediment buildup at SSF



Gully and sediment buildup at SSF; SSF requiring maintenance



Inactive area requiring stabilization



Gabion inflow protection missing at basin #3



Evidence of sediment discharge at outfall of basin #3

Evergreen

Staff: David Butler, Bob Sullivan

Plan Approval Date: 6/2/15

Disturbed Area: 16.4 acres

Type of project: Residential

Stage: Building construction, rough grading

- Some inlets draining to microbioretention facilities were protected instead of being blocked per erosion and sediment control (E&SC) plan.

Pictures of Evergreen:



Inactive area requiring stabilization



Inactive area requiring stabilization



Sediment buildup at silt fence (SF)



Steep eroding bank requiring stabilization



Sediment buildup at basin outfall



Used filter bag outside of SSF



Inactive sloped area requiring stabilization



Stockpile requiring stabilization

Finbar Place

Staff: Michael Hiob, Gary Allen

Plan Approval Date: 3/3/15

Disturbed Area: 4.5 acres

Type of project: Residential

Stage: Building construction, final stabilization

Pictures of Finbar Place:



Sediment trap requiring maintenance



Sediment trap requiring maintenance

Songbird Woods

Staff: Michael Hiob, Gary Allen

Plan Approval Date: 4/1/16

Disturbed Area: 7.7 acres

Type of project: Residential

Stage: Rough grading, utility installation

Pictures of Songbird Woods:



Stockpile requiring re-stabilization



Stabilized construction entrance (SCE) in need of maintenance



Tracking on the roadway; SCE in need of maintenance



Tracking on the roadway; SCE in need of maintenance



Inflow in need of protection to prevent erosion

11/10/16

Reviewers: Christina Lyerly, Dela Dewa

Magness Overlook Phase II and III

Staff: Tom Pistel, David Butler, Michael Hiob, Gary Allen

Plan Approval Date: 9/9/16

Disturbed Area: 16.7 acres

Type of project: Residential

Stage: Rough grading, installation of E&SC practices

- A retaining wall was being built in the middle of the sediment basin, and the earth dike conveying water to the basin was removed. The sequence of construction was followed. However, there was no provision made to convey water in a safe and non-erosive manner to the basin.
- The inspection report for the day of MDE's visit noted the problems with earth dikes, erosion, and SF/SSF.

Pictures of Magness Overlook Phase II:



Retaining wall being built in sediment basin



Eroding earth dike requiring stabilization



Stabilization required of area that sheet flows to basin

Pictures of Magness Overlook Phase III:



**Temporary gabion outlet structure (TGOS)
required cleanout of sediment**



Sediment buildup at SSF below TGOS



**Earth dike not on plan leading to an
unprotected outlet**



**Sediment buildup at SSF below unprotected
outlet**



TGOS requiring maintenance

Encore at Glenwood

Staff: Tom Pistel, David Butler, Michael Hiob, Gary Allen

Plan Approval Date: 10/13/16

Disturbed Area: 8.0 acres

Type of project: Residential

Stage: Building construction

- Prior to the day of MDE's review, two requests were made to stabilize slopes behind lot 2, which had not been completed at the time of inspection.
- The inspection report for the day of MDE's visit noted the problems with stockpile stabilization behind lot 2 and SF.

Pictures of Encore at Glenwood:



Unstabilized stockpile at top of steep slope leading to torn SF with sediment accumulation



Torn SF with sediment accumulation



Inactive area requiring stabilization



Stockpiles and areas requiring stabilization

Bynum Run Interceptor Sewer

Staff: Tom Pistel, David Butler, Michael Hiob, Gary Allen

Plan Approval Date: 2/25/16

Disturbed Area: 11.1 acres

Type of project: Capital

Stage: Rough grading, utility installation

- The approved plan did not require SSF on the side of the project closest to Bynum Run, but lack of perimeter control may result in sediment washing into the stream. On November 30, 2016, the County provided photographs of the repaired SSF and additional SSF installed along Bynum Run.

Pictures of Bynum Run Interceptor Sewer:



Erosion at up-stream side of clear water diversion pipe; area required stabilization



Sediment buildup at SSF across outlet of clear water diversion; SSF was a field modification



Unstabilized area adjacent to Bynum Run that required controls additional to those on approved plan



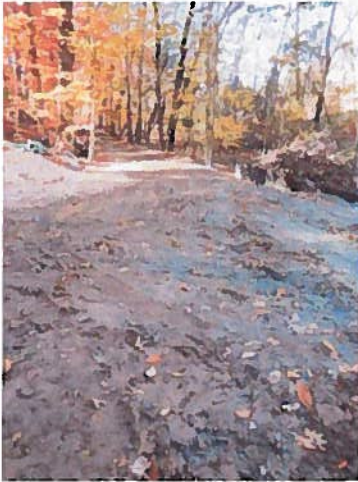
Sediment buildup at SSF



Area at a stream intersection requiring stabilization



Area at a stream intersection requiring stabilization



Unstabilized construction entrance

Spencer Woods

Staff: Tom Pistel, David Butler, Michael Hiob, Gary Allen

Plan Approval Date: 10/6/15

Disturbed Area: 10.5 acres

Type of project: Residential

Stage: Rough grading

- The previous inspection report noted the lack of stabilization, which had not been corrected by the day of MDE's inspection.
- The inspection report for the day of MDE's visit noted the problems with stabilization.

Pictures of Spencer Woods:



Unstabilized area below SSF and berm used for equipment access

Hamilton Reserve

Staff: Tom Pistel, David Butler, Michael Hiob, Gary Allen

Plan Approval Date: 2/23/16

Disturbed Area: 22.0 acres

Type of project: Residential

Stage: Rough grading

- As documented in the inspection reports provided to MDE, some items noted for correction on 9/2/16 were still noted for correction on 11/3/16 (e.g., construction and stabilization of swales, relocation of asphalt berms, mowing of embankment).
- The 11/3/16 inspection report noted needed SCE maintenance and road cleaning. On the day of MDE's inspection, the SCE was not functioning. Significant sediment was tracked onto asphalt.
- An inspection report for 11/10/16, the day of MDE inspection, was not subsequently provided to MDE. An inspection report dated 11/17/16 was submitted to MDE on 11/30/16. The inspection report did not note problems with the SCE.

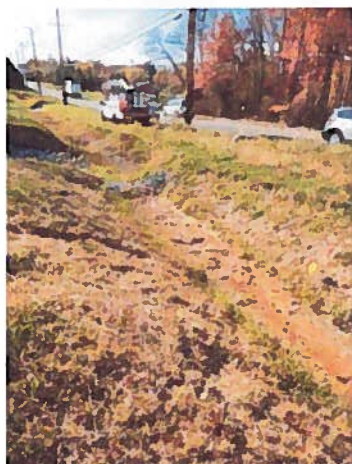
Pictures of Hamilton Reserve:



Tracking outside of SCE



Tracking outside of SCE



Temporary stone outlet structure requiring maintenance



Sediment trap requiring maintenance

Quarterly Grading Permit Submittals

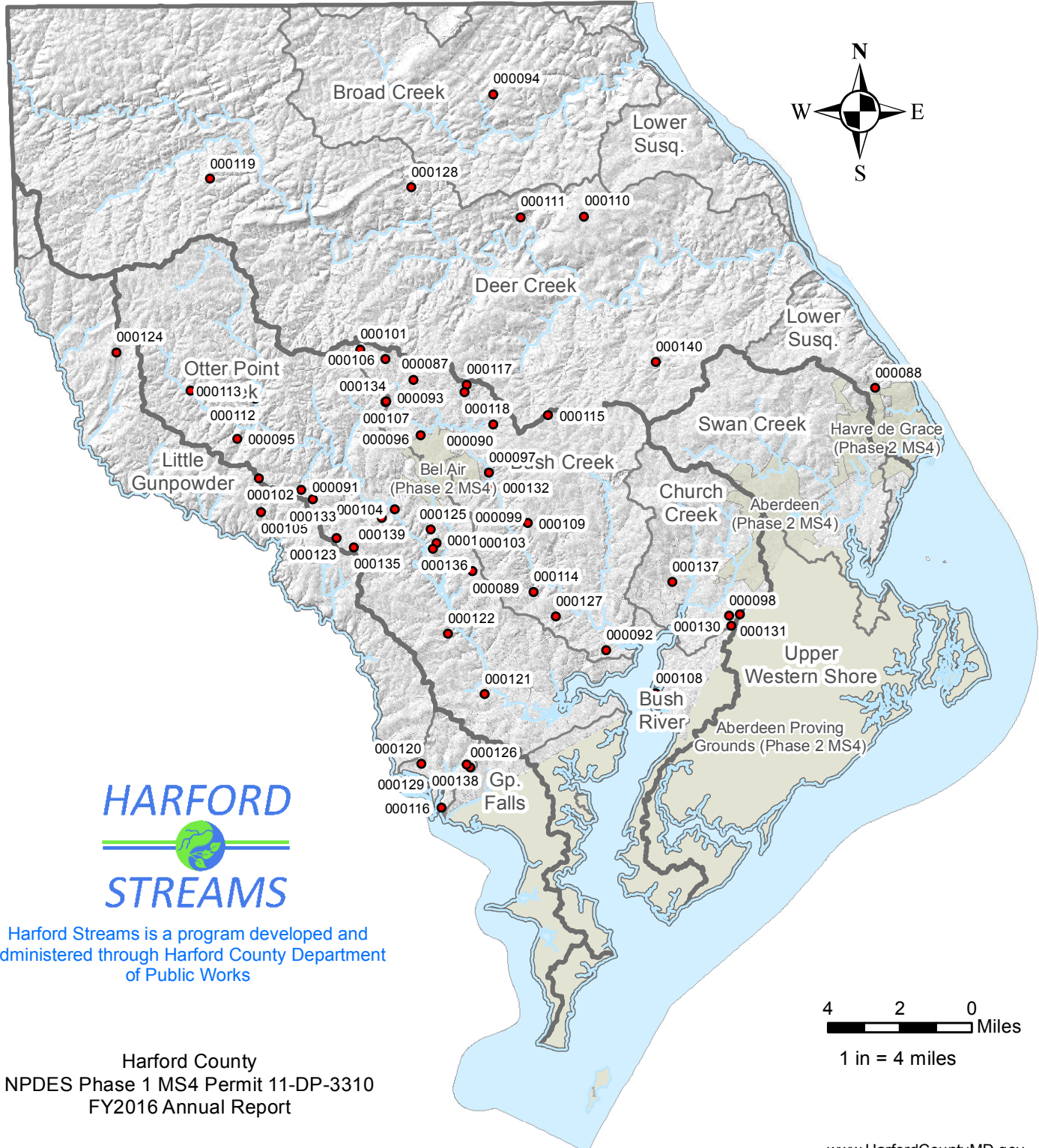
Appendix D2

Harford County, MD Department of Public Works Watershed Protection and Restoration

Grading Permits Issued (July 1, 2016 - June 30, 2017)



Barry Glassman
County Executive



HARFORD

STREAMS

Harford Streams is a program developed and
administered through Harford County Department
of Public Works

Harford County
NPDES Phase 1 MS4 Permit 11-DP-3310
FY2016 Annual Report

4 2 0
Miles
1 in = 4 miles

www.HarfordCountyMD.gov
HarfordStreams@HarfordCountyMD.gov
[www.Facebook.com/HarfordStreams](https://www.facebook.com/HarfordStreams)
(410) 638-3217

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

BYNUM RUN BUSINESS CENTER - LOT 09 - FLEX SPACE STORAGE
ROBIN CIRCLE - 1657
FOREST HILL, MD 21050

SITE OWNER:

CHAPCO PROPERTIES LLC
4000 HUDSON ST
BALTIMORE, MD 21224

QGP_ID: HA17QGP000087
GRAD_PERMIT: GRA-003222-2017
APPR_DATE: 3/31/2017

WATERSHED8DGT:

2130704

DIST_AREA: 8.38
LAND_USE_BF: 21
LAND_USE_AF: 14

SITE:

DELMARVA BROADCASTING TRANSMISSION TOWER REPLACEMENT
LEVEL ROAD - 1605
HAVRE DE GRACE, MD 21078

SITE OWNER:

DELMARVA BROADCASTING COMPANY INC
P O BOX 13
LANCASTER, PA 17608

QGP_ID: HA17QGP000088
GRAD_PERMIT: GRA-019686-2016
APPR_DATE: 2/17/2017

WATERSHED8DGT:

2120201

DIST_AREA: 1.15
LAND_USE_BF: 14
LAND_USE_AF: 14

SITE:

ELLIES WOODS
BEL AIR, MD 21015

SITE OWNER:

ART WOOD BUILDERS INC
4116 HARFORD CREAMERY RD
WHITE HALL, MD 21161

QGP_ID: HA17QGP000089
GRAD_PERMIT: GRA-015340-2016
APPR_DATE: 3/10/2017

WATERSHED8DGT:

2130703

DIST_AREA: 2.49
LAND_USE_BF: 20
LAND_USE_AF: 12

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

EVA-MAR

BEL AIR, MD 21015

QGP_ID:

HA17QGP000090

GRAD_PERMIT:

GRA-004791-2016

APPR_DATE:

3/9/2017

WATERSHED8DGT:

2130704

DIST_AREA:

106.75

LAND_USE_BF:

25

LAND_USE_AF:

13

SITE:

FALLSTON MEAD - LOTS 2-5

FALLSTON, MD 21047

QGP_ID:

HA17QGP000091

GRAD_PERMIT:

GRA-019940-2016

APPR_DATE:

2/22/2017

WATERSHED8DGT:

2130703

DIST_AREA:

5.04

LAND_USE_BF:

44

LAND_USE_AF:

11

SITE:

FINBAR PLACE - LOTS 1-14

SEWELL ROAD - 3800

ABINGDON, MD 21009

QGP_ID:

HA17QGP000092

GRAD_PERMIT:

GRA-002192-2017

APPR_DATE:

3/9/2017

WATERSHED8DGT:

2130701

DIST_AREA:

4.46

LAND_USE_BF:

11

LAND_USE_AF:

12

SITE OWNER:

ESC EVA-MAR LC

1355 BEVERLY RD SUITE 240

MCLEAN, VA 22101

SITE OWNER:

BARRY ANDREWS HOMES LLC

P O BOX 1305

BEL AIR, MD 21014

SITE OWNER:

BARRY ANDREWS LAND DEVELOPMENT LLC

P O BOX 1305

BEL AIR, MD 21014

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

FROGTOWN COMMERCIAL OFFSITE ROAD IMPROVEMENTS
ROCK SPRING ROAD - 1526, 1528, 1532
FOREST HILL, MD 21050

SITE OWNER:

FROGTOWN RETAIL LLC
3504 OLD COURT RD
PIKESVILLE, MD 21208

QGP_ID: HA17QGP000093
GRAD_PERMIT: GRA-016214-2016
APPR_DATE: 3/30/2017

WATERSHED8DGT:

2130703

DIST_AREA: 2.58
LAND_USE_BF: 10
LAND_USE_AF: 14

SITE:

GOLLEY, LAND OF J E - LOT 3
DAVIS CORNER ROAD - 3856
STREET, MD 21154

SITE OWNER:

SAMANTHA ADAMS
3826 DAVIS CORNER RD
STREET, MD 21154

QGP_ID: HA17QGP000094
GRAD_PERMIT: GRA-003288-2017
APPR_DATE: 3/22/2017

WATERSHED8DGT:

2120205

DIST_AREA: 5.50
LAND_USE_BF: 21
LAND_USE_AF: 12

SITE:

HIGHFIELDS
PUTNUM ROAD - 2300
FOREST HILL, MD 21050

SITE OWNER:

THE HIGHFIELDS LLC
P O BOX 485
FOREST HILL, MD 21050

QGP_ID: HA17QGP000095
GRAD_PERMIT: GRA-001355-2017
APPR_DATE: 3/22/2017

WATERSHED8DGT:

2130703

DIST_AREA: 6.17
LAND_USE_BF: 41
LAND_USE_AF: 11

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:			SITE OWNER:		
MOORES MILL ROAD - PHASE 2 WEST			HARFORD COUNTY DPW-ENGINEERING		
			212 S BOND ST THIRD FLOOR		
BEL AIR, MD 21014			BEL AIR, MD 21014		
QGP_ID:	HA17QGP000096	WATERSHED8DGT:	2130704	DIST_AREA:	3.98
GRAD_PERMIT:	GRA-023338-2016			LAND_USE_BF:	171
APPR_DATE:	1/4/2017			LAND_USE_AF:	171
SITE:			SITE OWNER:		
OVERLOOK AT MACPHAIL WOODS			OVERLOOK AT MACPHAIL WOODS LLC		
EAST MACPHAIL ROAD - 900			6807 PARK HEIGHTS AVE SUITE 100		
BEL AIR, MD 21015			BALTIMORE, MD 21215		
QGP_ID:	HA17QGP000097	WATERSHED8DGT:	2130704	DIST_AREA:	12.24
GRAD_PERMIT:	GRA-002368-2017			LAND_USE_BF:	13
APPR_DATE:	3/9/2017			LAND_USE_AF:	13
SITE:			SITE OWNER:		
PERRYMAN INDUSTRIAL PARK - LOT 2			PRESTON FRANKLIN LLC		
ADVANTAGE AVENUE - 505			7 GIRALDA FARMS		
PERRYMAN, MD 21130			MADISON, NJ 7940		
QGP_ID:	HA17QGP000098	WATERSHED8DGT:	2130701	DIST_AREA:	22.05
GRAD_PERMIT:	GRA-021922-2016			LAND_USE_BF:	18
APPR_DATE:	3/1/2017			LAND_USE_AF:	15

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

RING FACTORY ELEMENTARY SCHOOL

EMMORTON ROAD - 1400

BEL AIR, MD 21014

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000099

GRA-002757-2015

3/2/2017

WATERSHED8DGT:

2130703

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

4.70

16

16

SITE:

SOMERSET HILL FKA O'CONNELL PROPERTY

WEST RING FACTORY ROAD

BEL AIR, MD 21015

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000100

GRA-013684-2016

3/2/2017

WATERSHED8DGT:

2130703

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

17.47

21

12

SITE:

WARD PROPERTY

ROCKSPRING ROAD - 2315

FOREST HILL, MD 21050

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000101

GRA-006477-2016

3/27/2017

WATERSHED8DGT:

2130704

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

10.54

21

12

SITE OWNER:

HARFORD COUNTY DPW-ENGINEERING

212 S BOND ST THIRD FLOOR

BEL AIR, MD 21014

606 LANCELOT LANE LLC

2101 ROCK SPRING RD

FOREST HILL, MD 21050

SITE OWNER:

ESC WARD LLC

5074 DORSEY HALL DR SUITE 205

ELLCOTT CITY, MD 21042

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

YOUTHS BENEFIT ELEMENTARY REPLACEMENT

FALLSTON ROAD - 1901

FALLSTON, MD 21047

QGP_ID:

HA17QGP000102

GRAD_PERMIT:

GRA-001544-2017

APPR_DATE:

3/3/2017

WATERSHED8DGT:

2130804

DIST_AREA:

9.83

LAND_USE_BF:

16

LAND_USE_AF:

16

SITE:

BARRINGTON PLACE AND ROLLINS COURT STREAM RESTORATION

BEL AIR, MD 21014

QGP_ID:

HA17QGP000103

GRAD_PERMIT:

GRA-002743-2015

APPR_DATE:

4/7/2017

WATERSHED8DGT:

2130703

DIST_AREA:

7.09

LAND_USE_BF:

50

LAND_USE_AF:

50

SITE:

BEL AIR IMPOUNDMENT AND WINTERS RUN INTAKE PROJECT

BALTIMORE PIKE - 1004

BEL AIR, MD 21014

QGP_ID:

HA17QGP000104

GRAD_PERMIT:

GRA-017014-2016

APPR_DATE:

6/19/2017

WATERSHED8DGT:

2130703

DIST_AREA:

37.72

LAND_USE_BF:

21

LAND_USE_AF:

50

SITE OWNER:

HARFORD COUNTY BOARD OF EDUCATION

102 SOUTH HICKORY AVE

BEL AIR, MD 21014

SITE OWNER:

HARFORD COUNTY DPW-ENGINEERING

212 S BOND ST THIRD FLOOR

BEL AIR, MD 21014

SITE OWNER:

BARRY SUITS

2223 DUKE ST

ALEXANDRIA, VA 22314

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

BROOKSIDE - FKA VERDANT ESTATES FKA LAUREL GROVE
LAUREL BROOK ROAD - 1677, 1679, 1681, 1691, 1693, 1697
FALLSTON, MD 21047

QGP_ID:	HA17QGP000105
GRAD_PERMIT:	GRA-022138-2016
APPR_DATE:	5/31/2017

WATERSHED8DGT:

2130804

DIST_AREA:

32.07

LAND_USE_BF:

41

LAND_USE_AF:

11

SITE:

FOREST HILL INDUSTRIAL AIRPARK - LOTS N3, T2
INDUSTRY LANE - 124, 130
FOREST HILL, MD 21050

QGP_ID:	HA17QGP000106
GRAD_PERMIT:	GRA-003422-2017
APPR_DATE:	4/7/2017

WATERSHED8DGT:

2130704

DIST_AREA:

4.60

LAND_USE_BF:

15

LAND_USE_AF:

15

SITE:

FROGTOWN COMMERCIAL - LOTS 1, 2
ROCK SPRING ROAD - 1526, 1528
FOREST HILL, MD 21050

QGP_ID:	HA17QGP000107
GRAD_PERMIT:	GRA-004272-2017
APPR_DATE:	4/24/2017

WATERSHED8DGT:

2130703

DIST_AREA:

5.55

LAND_USE_BF:

10

LAND_USE_AF:

14

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:			SITE OWNER:		
GABLERS SHORE			BOB WARD NEW HOMES AT HARFORD COUNTY LLC		
			2700 PHILADELPHIA RD		
ABERDEEN, MD 21001			EDGEWOOD, MD 21040		
QGP_ID:	HA17QGP000108	WATERSHED8DGT:	2130701	DIST_AREA:	9.16
GRAD_PERMIT:	GRA-002407-2017			LAND_USE_BF:	12
APPR_DATE:	4/3/2017			LAND_USE_AF:	12
SITE:			SITE OWNER:		
GLENANGUS - SECTION 14			GLENANGUS HOMES INC		
			224 E BROADWAY		
BEL AIR, MD 21015			BEL AIR, MD 21014		
QGP_ID:	HA17QGP000109	WATERSHED8DGT:	2130704	DIST_AREA:	5.00
GRAD_PERMIT:	GRA-003710-2017			LAND_USE_BF:	41
APPR_DATE:	4/13/2017			LAND_USE_AF:	12
SITE:			SITE OWNER:		
HARFORD COUNTY AGRICULTURAL CENTER			HARFORD COUNTY GOVERNMENT		
CONOWINGO ROAD - 3509, 3525			220 S MAIN ST		
STREET, MD 21154			BEL AIR, MD 21014		
QGP_ID:	HA17QGP000110	WATERSHED8DGT:	2120202	DIST_AREA:	2.43
GRAD_PERMIT:	GRA-023912-2016			LAND_USE_BF:	14
APPR_DATE:	5/23/2017			LAND_USE_AF:	16

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

HARFORD WASTE DISPOSAL CENTER - SITE OPERATIONS

SCARBORO ROAD - 3135

STREET, MD 21154

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000111

GRA-004617-2017

5/24/2017

WATERSHED8DGT:

2120202

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

77.90

16

16

SITE:

KATEN PROPERTY

COSNER ROAD - 1839

FOREST HILL, MD 21050

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000112

GRA-005195-2017

5/22/2017

WATERSHED8DGT:

2130703

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

4.23

22

10

SITE:

LANGE ESTATE

CHARLES STREET - 2935

FALLSTON, MD 21047

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000113

GRA-011492-2016

4/4/2017

WATERSHED8DGT:

2130703

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

3.97

41

11

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:			SITE OWNER:		
LAUREL RIDGE - PHASE 1			TOLL MD VIII LIMITED PARTNERSHIP		
			7164 COLUMBIA GATEWAY DR SUITE 230		
ABINGDON, MD 21009			COLUMBIA, MD 21046		
QGP_ID:	HA17QGP000114	WATERSHED8DGT:	2130704	DIST_AREA:	56.42
GRAD_PERMIT:	GRA-004131-2017			LAND_USE_BF:	242
APPR_DATE:	5/25/2017			LAND_USE_AF:	12
SITE:			SITE OWNER:		
OAK GROVE BAPTIST CHURCH			OAK GROVE BAPTIST CHURCH		
EAST CHURCHVILLE ROAD - 2106			2106 EAST CHURCHVILLE RD		
BEL AIR, MD 21015			BEL AIR, MD 21015		
QGP_ID:	HA17QGP000115	WATERSHED8DGT:	2130701	DIST_AREA:	3.54
GRAD_PERMIT:	GRA-024293-2016			LAND_USE_BF:	16
APPR_DATE:	5/2/2017			LAND_USE_AF:	16
SITE:			SITE OWNER:		
OLD TRAILS - LOTS 1-56			OT LLC		
			2205-A COMMERCE RD		
JOPPA, MD 21085			FOREST HILL, MD 21050		
QGP_ID:	HA17QGP000116	WATERSHED8DGT:	2130801	DIST_AREA:	12.84
GRAD_PERMIT:	GRA-021782-2016			LAND_USE_BF:	43
APPR_DATE:	5/9/2017			LAND_USE_AF:	12

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

PROSPECT GREEN - PHASE 1 AND 2 - LOTS 1-96

BEL AIR, MD 21015

QGP_ID:	HA17QGP000117
GRAD_PERMIT:	GRA-005997-2017
APPR_DATE:	5/24/2017

WATERSHED8DGT:

2130704

DIST_AREA:

18.15

LAND_USE_BF:

41

LAND_USE_AF:

12

SITE OWNER:

PROSPECT GREEN INC

2700 PHILADELPHIA RD

EDGEWOOD, MD 21040

SITE:

SANDY RIDGE

NORTH FOUNTAIN GREEN ROAD - 1327

BEL AIR, MD 21015

QGP_ID:	HA17QGP000118
GRAD_PERMIT:	GRA-003277-2017
APPR_DATE:	4/7/2017

WATERSHED8DGT:

2130704

DIST_AREA:

8.57

LAND_USE_BF:

11

LAND_USE_AF:

12

SITE OWNER:

NORTH FOUNTAIN GLEN ROAD LLC

100 N WEST PENNSYLVANIA AVE SUITE 301

TOWSON, MD 21204

SITE:

SMITHSON'S ADDITION TO MIDSUMMER HILL

FEDERAL HILL ROAD - 4231

STREET, MD 21154

QGP_ID:	HA17QGP000119
GRAD_PERMIT:	GRA-001900-2017
APPR_DATE:	6/1/2017

WATERSHED8DGT:

2120202

DIST_AREA:

3.78

LAND_USE_BF:

41

LAND_USE_AF:

11

SITE OWNER:

BARRY ANDREWS LAND DEVELOPMENT LLC

P.O. BOX 1

BEL AIR, MD 21014

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

BGE - JOPPATOWNE SUBSTATION EXPANSION

JOPPA, MD 21085

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000120

GRA-015073-2016

9/22/2016

WATERSHED8DGT:

SITE OWNER:

BALTIMORE GAS & ELECTRIC COMPANY

1699 LEADENHALL ST

BALTIMORE, MD 21230

2130801

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

2.48

172

172

SITE:

FASHION PARK - LOT 4

FASHION COURT - 1805

JOPPA, MD 21085

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000121

GRA-011170-2016

8/10/2016

WATERSHED8DGT:

SITE OWNER:

OLP-MCB FASHION CT JOPPA JV LLC

2701 N CHARLES ST

BALTIMORE, MD 21218

2130702

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

19.15

15

15

SITE:

HESS PROPERTY - LOT 7

JOPPA, MD 21085

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000122

GRA-012981-2016

9/21/2016

WATERSHED8DGT:

SITE OWNER:

PATRICK HESS

1709 WATERVALE RD

FALLSTON, MD 21047

2130702

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

7.36

21

20

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

HUMANE SOCIETY OF HARFORD COUNTY
CONNOLLY ROAD - 2208
FALLSTON, MD 21047

SITE OWNER:

HUMANE SOCIETY OF HARFORD COUNTY INC
2208 CONNOLLY RD
FALLSTON, MD 21047

QGP_ID: HA17QGP000123
GRAD_PERMIT: GRA-016138-2016
APPR_DATE: 8/16/2016

WATERSHED8DGT:

2130703

DIST_AREA: 7.01
LAND_USE_BF: 16
LAND_USE_AF: 16

SITE:

LADEW TOPIARY GARDENS
JARRETTSVILLE PIKE - 3535
MONKTON, MD 21111

SITE OWNER:

TRUSTEES OF LADEW TOPIARY GARDENS INC
3535 JARRETTSVILLE PIKE
MONKTON, MD 2111

QGP_ID: HA17QGP000124
GRAD_PERMIT: GRA-010665-2016
APPR_DATE: 9/27/2016

WATERSHED8DGT:

2130804

DIST_AREA: 2.97
LAND_USE_BF: 23
LAND_USE_AF: 23

SITE:

MAGNESS OVERLOOK - PHASE 2

BEL AIR, MD 21014

SITE OWNER:

HIGH RIDGE PROPERTIES LLC
303 INTERNATIONAL CIR SUITE 360
HUNT VALLEY, MD 21030

QGP_ID: HA17QGP000125
GRAD_PERMIT: 14-52302-001
APPR_DATE: 9/14/2016

WATERSHED8DGT:

2130703

DIST_AREA: 16.70
LAND_USE_BF: 43
LAND_USE_AF: 12

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:			SITE OWNER:		
ROGERS FORD - PHASE 1 - LOTS 1-19			MOB LLC		
			P.O. BOX 8		
JOPPA, MD 21085			WITTMAN, MD 21676		
QGP_ID:	HA17QGP000126	WATERSHED8DGT:	2130801	DIST_AREA:	13.75
GRAD_PERMIT:	GRA-019248-2016			LAND_USE_BF:	41
APPR_DATE:	9/26/2016			LAND_USE_AF:	12
SITE:			SITE OWNER:		
SPENCER WOODS			BOB WARD DEVELOPMENT LLC		
			2700 PHILADELPHIA RD		
ABINGDON, MD 21009			EDGEWOOD, MD 21040		
QGP_ID:	HA17QGP000127	WATERSHED8DGT:	2130704	DIST_AREA:	10.53
GRAD_PERMIT:	15-52331-001			LAND_USE_BF:	41
APPR_DATE:	7/7/2016			LAND_USE_AF:	12
SITE:			SITE OWNER:		
BAKER, LAND OF - LOT 3			RICK AYERS		
BURKINS ROAD - 3501			214 SMARTY JONES TER		
STREET, MD 21154			HAVRE DE GRACE, MD 21078		
QGP_ID:	HA17QGP000128	WATERSHED8DGT:	2120202	DIST_AREA:	5.87
GRAD_PERMIT:	GRA-021585-2016			LAND_USE_BF:	22
APPR_DATE:	10/19/2016			LAND_USE_AF:	11

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

BGE - RAPHAEL ROAD SUBSTATION TO JOPPATOWNE SUBSTATION

JOPPA, MD 21085

QGP_ID:	HA17QGP000129
GRAD_PERMIT:	GRA-011408-2016
APPR_DATE:	11/9/2016

WATERSHED8DGT:

2130801

DIST_AREA:

8.16

LAND_USE_BF:

172

LAND_USE_AF:

172

SITE OWNER:

BALTIMORE GAS & ELECTRIC COMPANY

1699 LEADENHALL ST

BALTIMORE, MD 21230

SITE:

EASTGATE - PHASE 1

WOODLEY ROAD - 1500

ABERDEEN, MD 21001

QGP_ID:	HA17QGP000130
GRAD_PERMIT:	GRA-005144-2016
APPR_DATE:	12/20/2016

WATERSHED8DGT:

2130701

DIST_AREA:

24.46

LAND_USE_BF:

21

LAND_USE_AF:

15

SITE OWNER:

PR/MRPI EASTGATE B LLC

509 S EXETER ST SUITE 216

BALTIMORE, MD 21202

SITE:

EASTGATE - PHASE 2

WOODLEY ROAD - 1500

ABERDEEN, MD 21001

QGP_ID:	HA17QGP000131
GRAD_PERMIT:	GRA-005147-2016
APPR_DATE:	12/20/2016

WATERSHED8DGT:

2130701

DIST_AREA:

107.01

LAND_USE_BF:

21

LAND_USE_AF:

15

SITE OWNER:

PR/MRPI EASTGATE B LLC

509 S EXETER ST SUITE 216

BALTIMORE, MD 21202

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

ENCORE AT GLENWOOD - PHASE 1 - LOTS 1-12

BEL AIR, MD 21015

QGP_ID:

HA17QGP000132

GRAD_PERMIT:

GRA-020949-2016

APPR_DATE:

10/20/2016

WATERSHED8DGT:

2130704

DIST_AREA:

7.95

LAND_USE_BF:

44

LAND_USE_AF:

12

SITE:

FALLSTON HIGH SCHOOL SYNTHETIC TURF FIELD

CARRS MILL ROAD - 2301

FALLSTON, MD 21047

QGP_ID:

HA17QGP000133

GRAD_PERMIT:

GRA-022544-2016

APPR_DATE:

11/23/2016

WATERSHED8DGT:

2130703

DIST_AREA:

3.95

LAND_USE_BF:

16

LAND_USE_AF:

16

SITE:

FROGTOWN COMMERCIAL - LOTS 1, 2

ROCK SPRING ROAD - 1526, 1528

FOREST HILL, MD 21050

QGP_ID:

HA17QGP000134

GRAD_PERMIT:

GRA-010875-2016

APPR_DATE:

10/7/2016

WATERSHED8DGT:

2130703

DIST_AREA:

21.62

LAND_USE_BF:

10

LAND_USE_AF:

14

SITE OWNER:

GLENWOOD ENCORE LLC

P.O. BOX 257

FALLSTON, MD 21047

SITE OWNER:

HARFORD COUNTY PARKS & RECREATION

702 N TOLLGATE RD

BEL AIR, MD 21014

SITE OWNER:

FROGTOWN RETAIL LLC

3504 OLD COURT RD

PIKESVILLE, MD 21208

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

HAMILTON RESERVE TWO

FALLSTON, MD 21047

QGP_ID: HA17QGP000135
GRAD_PERMIT: GRA-004277-2016
APPR_DATE: 10/4/2016

WATERSHED8DGT:

2130703

DIST_AREA:

5.85

LAND_USE_BF:

41

LAND_USE_AF:

12

SITE OWNER:

2091 HARFORD ROAD LLC

4940 CAMPBELL BLVD SUITE 110

BALTIMORE, MD 21236

SITE:

MAGNESS FARMS - PHASE 1 - LOTS 225-245 277-287 295-302

BEL AIR, MD 21015

QGP_ID: HA17QGP000136
GRAD_PERMIT: GRA-021399-2016
APPR_DATE: 10/20/2016

WATERSHED8DGT:

2130703

DIST_AREA:

28.42

LAND_USE_BF:

25

LAND_USE_AF:

12

SITE OWNER:

K HOVNANIAN HOMES OF MARYLAND 2 LLC

1802 BRIGHTSEAT RD SUITE 101

LANDOVER, MD 20785

SITE:

RIVERSIDE EAST BUSINESS PARK - LOT 2 - AUTO AUCTION

PHILADELPHIA ROAD - 4805

BELCAMP, MD 21017

QGP_ID: HA17QGP000137
GRAD_PERMIT: GRA-023774-2016
APPR_DATE: 12/7/2016

WATERSHED8DGT:

2130701

DIST_AREA:

88.18

LAND_USE_BF:

41

LAND_USE_AF:

15

SITE OWNER:

PRESTON COOK LLC

P.O. BOX 516

BEL AIR, MD 21014

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive

SITE:

ROGERS FORD - PHASE 2 - LOTS 24-67

JOPPA, MD 21085

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000138

GRA-019303-2016

10/4/2016

WATERSHED8DGT:

SITE OWNER:

MOB LLC

P.O. BOX 8

WITTMAN, MD 21676

2130801

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

11.66

44

12

SITE:

SOMA APARTMENTS

BEL AIR, MD 21014

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000139

GRA-020619-2016

10/17/2016

WATERSHED8DGT:

SITE OWNER:

SOMA LLC

1777 REISTERSTOWN RD SUITE 245

PIKESVILLE, MD 21208

2130703

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

20.65

21

13

SITE:

WOOLSEY HEIGHTS - LOT 6

GLENVILLE ROAD - 619

CHURCHVILLE, MD 21028

QGP_ID:

GRAD_PERMIT:

APPR_DATE:

HA17QGP000140

GRA-016990-2016

11/29/2016

WATERSHED8DGT:

SITE OWNER:

MICHAEL SKOWRON

2911 INDIANSUMMER CT

ABINGDON, MD 21009

2120202

DIST_AREA:

LAND_USE_BF:

LAND_USE_AF:

2.35

21

11

Harford County, MD Department of Public Works
Watershed Protection and Restoration
Grading Permits Issued during FY2017 (MS4 Permit 11-DP-3310)



Barry Glassman
County Executive



Green Choices ... Healthy Streams

Harford Streams is a program developed and administered through Harford County Department of Public Works

HarfordStreams@HarfordCountyMD.gov www.Facebook.com/HarfordStreams

(410) 638-3217